

Application No. 10/518,723  
Paper Dated February 20, 2006  
Information Disclosure Statement  
Attorney Docket No. 2226-045890

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/518,723 Confirmation No. 1009  
Applicant : **Nicolaas DUNEAS**  
Filed : August 10, 2005  
Title : **OSTEOINDUCTIVE BIOMATERIALS**  
Group Art : 1653  
Examiner : Not Yet Assigned  
Priority Date Claimed : 20 June 2002  
Customer No. : 28289

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the requirements of 37 CFR §§ 1.56, 1.97, and 1.98, the Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08A and one copy of the references listed thereon.

The references identified on Form PTO/SB/08A were identified in the International Search Report dated June 18, 2004 for the underlying PCT Application No. PCT/IB03/02354 or cited in the specification of the application. A copy of the International Search Report is enclosed for the Examiner's convenience.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450 on February 20, 2006

Bruce L. White

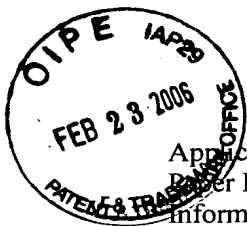
(Name of Person Mailing Paper or Fee)

*Bruce L. White*

Signature

02/20/2006  
Date

{W0249779.1}

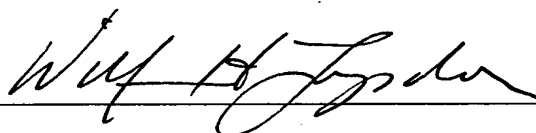


Application No. 10/518,723  
Paper Dated February 20, 2006  
Information Disclosure Statement  
Attorney Docket No. 2226-045890

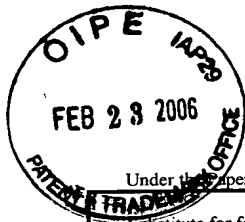
Pursuant to 37 C.F.R. § 1.97(b)3, no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

THE WEBB LAW FIRM

By 

William H. Logsdon  
Registration No. 51,027  
Attorney for Applicants  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, Pennsylvania 15219-1845  
Telephone: 412-471-8815  
Facsimile: 412-471-4094  
E-mail: webblaw@webblaw.com



PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/518,723
Filing Date	February 20, 2006
First Named Inventor	Nicolaas Duneas
Art Unit	1653
Examiner Name	Not Yet Assigned
Attorney Docket Number	2226-045890

Sheet	1	of	2
-------	---	----	---

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,030,635	02/29/2000	A. A. Gertzman et al.	
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0474174A2	03/09/1991	Kohei Notoya, et al.		
		EP 0148155A2	02/01/1985	Arup Sen		
		WO 96/39203	12/12/1996	Steven R. Jefferies, et al.		
		WO 99/38543	08/05/1999	John F. Wironen, et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

{W0249740.1}



PTO/SB/08b (07/05)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/518,723
				Filing Date	August 10, 2005
				First Named Inventor	Nicolaas Duneas
				Art Unit	1653
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	2226-045890

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		UGO RIPAMONTI, M.D., et al., Reconstruction of the Bone-Bone Marrow Organ by Osteogenin, a Bone Morphogenetic Protein, and Demineralized Bone Matrix in Calvarial Defects of Adult Primates, Plastic and Reconstructive Surgery, 27-36, (01/1993)	
		CAROLINE KELLY SCOTT, et al., Intramembranous Bone Matrix is Osteoinductive, The Anatomical Record, 238:23-30 (1994)	
		SHELLEY R. WINN, PH.D., et al., Carrier Systems for Bone Morphogenetic Proteins, Clinical Orthopaedics and Related Research, No. 367S, pp. S95-S106, (1999)	
		YOSHIYUKI YOSHIMURA, et al., Purification of Water-Soluble Bone-Inductive Protein from Bovine Demineralized Bone Matrix, Biol. Pharm. Bull. 16(5) 444-447, (1993)	
		M.R. URIST, et al., Purification of bovine bone morphogenetic protein by hydroxyapatite chromatography, Proc. Natl. Acad. Sci. USA, Vol. 81, pp. 371-375, (01/1984)	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

{W0249740.1}